

Julia Kigozi Bulya	
Sex	Female
Rank	Lecturer
Highest qualification	PhD
Department	Department of Agricultural and Bio systems engineering School of Food Technology, Nutrition and Bio engineering College of Agricultural and Environmental Sciences, Makerere University P.O. Box 7062, Kampala, Uganda
Professional Training and Experience	Dr. Kigozi received her Ph.D. in Agricultural Engineering, from Makerere University in 2015. Prior to pursuing her doctorate, she earned a M.Sc. in Agricultural Engineering from University of Pretoria, South Africa in 2000 and a B.Sc. in Agricultural Engineering from Makerere University in 1994.
Teaching subjects	AEN 3113 Applied Rheology AEN 4107 Design of Agricultural Machinery AEN 7130 Advanced Food Processing Engineering AEN 3206 Design of Processing Equipment AEN 2212 Farm Engineering 1 AEN 7231 Food Process Engineering
Research Interests/Expertise	Her primary research interest areas are Product development, Postharvest handling, value addition, Food process development and fabrication of Agro-processing equipment. In addition, Dr. Kigozi has extensive consulting experience, and has worked with a number of entities and projects in various consulting roles.
Publications	<ol style="list-style-type: none"> 1. J. Kigozi, A. Kanyesigye, A. Ahumuza and I. Mayanja 2018 Design, Fabrication and Testing of Mulondo Crashing Machine. Journal of Basic and Applied Research International Journal Paper vol. 24 series 6 pages 216 2. I.K.Mayanja, J.Kigozi, J.B. Kawongolo and T.J.Brumm 2018 Design, Fabrication and Testing of a Pedal Operated Maize Grain Cleaner Journal of Advances in Food Science & Technology Journal Paper vol.5, series 3, pages 105 Ahumuza, E. Nabututa, J. Kigozi, A. Zziwa and E. Sempira 2017. 3. Design, Construction and Performance Evaluation of an Automated Batch Pasteurizer Journal of Advances in Food Science & Technology Journal Paper vol. 4, series 4, pages 145 4. N. Banadda,F. Lule, C. Sempala and J. Kigozi 2016. Comparative study of two modeling approaches for predicting heavy metals contaminant migration from polyethylene bags. International Journal of Agricultural and Biological Engineering Journal Paper vol. 9, series 3, pages 19410.3965/j.ijabe.20160903.161 5. B. Gimei, J. Kigozi, N. Kiggundu and H. K. Balimunsi 2017 Design, construction and performance evaluation of an improved cocoa dehuller and separator Journal of Basic and Applied Research International. Journal Paper vol. 23,

	<p>series 3, pages 117</p> <p>6. Daniel Kimuli, Ahamada Zziwa, Noble Banadda, Isa Kabenge, Nicholas Kiggundu, Robert Kambugu, Joshua Wanyama, Peter Tumutegyereize & Julia kigozi. 2016. Quantification of physico-chemical characteristics and modeling faecal sludge nutrients from Kampala city slum pit latrines</p> <p>7. International Journal of Research in Engineering & Advanced Technology Journal Paper vol., 3 series 6,</p>
<p>Research Projects</p>	<p>1. Study of the drying Kinetics, quality and shelf stability of Mukene under varying processing and storage methods and development of shelf stable fish sausages and crackers; Worldfish; \$ 28,665; PI; August 2016-June 2018</p> <p>2. Development of Products from Finger millet, pearl millet, white sorghum and pigeon pea; ICRISAT; PI; \$16,850; December 2016- March 2019</p> <p>3. Design and Fabrication of a continuous pasteurizer; FTBIC and MAPRONANO; \$16,000, September 2018-date</p>